

09/27/01

JC931 U.S. PTO

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09-28-01

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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JC931 U.S. PTO

09/965738

09/27/01

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 40715-260477

First Inventor O'Brien, Timothy J.

Title Repeat Sequences of the CA125 Gene  
and Their Use for Diagnostic and  
Therapeutic Interventions

Express Mail Label No. EL834341252US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.3. ☒ Specification Total Pages 126 ]

(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,  
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. ☒ Figures 1 - 10  
Drawing(s) (35 U.S.C. 113) [Total Sheets 17 ]

5. Oath or Declaration [Total Pages 143 ]

- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 202317. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a. ☒ Computer Readable Form (CFR)
- b. Specification Sequence Listing on:
  - i. ☐ CD-ROM or CD-R (2 copies); or
  - ii. ☒ paper
- c. ☒ Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

- 9. ☒ Assignment Papers (cover sheet & document(s))
- 10. ☒ 37 C.F.R. § 3.73(b) Statement in POA ☒ Power of  
(when there is an assignee) Attorney
- 11. ☐ English Translation Document (if applicable)
- 12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS  
Citations
- 13. ☐ Preliminary Amendment
- 14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
- 15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
- 16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
- 17. ☒ Other: Express Mail Certification EL834341252US  
Petition to Make Special  
Three (3) Checks

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_ / \_\_\_\_  
Prior application information: Examiner \_\_\_\_ Group / Art Unit: \_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address  
below

Name

Pat Winston Kennedy, Esq.

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City

Winston-Salem

State

NC

ZIP Code

27101

Country

USA

Telephone

(336) 607-7336

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(336) 607-7500

Name (Print/Type)

Registration No. (Attorney/Agent)

36,970

Signature

Pat Winston Kennedy

Date

9-29-01

September 27, 2001

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

## Complete if Known

Application Number	Unassigned
Filing Date	September 27, 2001
First Named Inventor	O'Brien, Timothy J. et al.
Examiner Name	Unassigned
Group / Art Unit	Unassigned
Attorney Docket No.	40715-260477

TOTAL AMOUNT OF PAYMENT (\$ 971.00)

## METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:Deposit  
Account  
NumberDeposit  
Account  
Name☐ Charge Any Additional Fee Required under 37 CFR 1.16 and 1.17☐ Applicant claims small entity status. See 37 CFR 1.272. ☒ Payment Enclosed:☒ Checks Nos. 38990, 38991 and 39000 ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION (continued)

## 3 ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	130	123	130	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

## FEE CALCULATION

## BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	355
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

## SUBTOTAL (1)

(\$ 355)

## EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
34	-20 = 14	x 126 = 126	
Independent Claims	11	-3 = 8	x 320 = 320
Multiple Dependent		x	= 0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

## SUBTOTAL (2)

(\$ 446)

\*\*or number previously paid, if greater; For Reissues, see above.

Other fee: Petition to Make Special to Advance Examination of Application 130

\*Reduced by Basic Filing Fee Paid

## SUBTOTAL (3)

(\$ 170)

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Pat Winston Kennedy	Registration No. Attorney/Agent	36,970	Telephone	(336) 607-7336
Signature	Pat Winston Kennedy			Date	September 27, 2001


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40715-260477 / WINLIB01888389.1

## EXPRESS MAIL CERTIFICATE

"Express Mail" Label No. : EL834341252US  
Date of Deposit : September 27, 2001  
Serial No. : Unassigned  
Applicant(s) : O'Brien, Timothy J. et al.  
Filing Date : September 27, 2001  
Title: : REPEAT SEQUENCES OF THE CA125 GENE  
AND THEIR USE FOR DIAGNOSTIC AND  
THERAPEUTIC INTERVENTIONS  
  
Examiner : Unassigned  
Group Art Unit : Unassigned  
Type of Document(s) : Utility Patent Application Transmittal  
Specification: 126 Pages  
Drawings: 17 Pages; FIGS. 1-10  
Power of Attorney  
Computer Readable Form (CFR) – Diskette  
Verification Statement of Nucleotide Sequence  
and/or Amino Acid Sequence Disclosures  
Paper Copy of Sequence Listing – 286 Pages  
Fee Transmittal Form FY 2001 (in duplicate)  
Check #39000 - \$801.00 – Non-Provisional Filing Fee  
for Small Entity with Extra Claims  
Petition to Make Special Application Relating  
to Cancer  
Check #38991 - \$130.00 – Petition to Make Special Fee  
Assignment Recordation Cover Sheet  
Assignment  
Check #38990 - \$40.00 – Assignment Recordation Fee  
Declaration  
Return Postcard

I hereby certify that the documents identified above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Assistant Commissioner for Patents, Attn: Box Patent Application, Washington, D.C. 20231.


 (signature)  
Madge Leonard

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EL834341252US

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 (signature)  
Madge Leonard